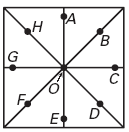
**Extended HW Week 22 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

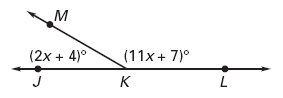
1. **Multi-Step Problem** You are covering the rectangular floor of a basement with either carpet or hardwood. The floor is a rectangle that is 24 feet long and 18 feet wide. Carpet costs $2.37 per square foot and hardwood costs $2.98 per square foot.

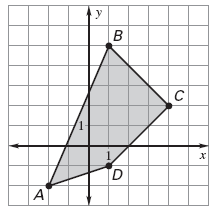
**a.** Find the area of the floor.

* 1. Find the cost of using carpet and the cost of using hardwood.
  2. About how much more will you pay to use hardwood for the floor?
     1. **Open-Ended** The square piece of paper below has been folded in half three times and labeled as shown. Name 3 acute angles, 5 right angles, and 3 congruent obtuse angles.



1. **Gridded Answer** The diagram shows a ramp that is placed between the ground and a truck bed to load a bicycle. Find *m∠MKL* in degrees.



1. **Short Response** Use the diagram below.
2. Find the perimeter of quadrilateral *ABCD.*
3. Find the area of triangle *ABC* and the area of triangle *ADC.* What is the area of quadrilateral *ABCD*? *Explain.*

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